DOCUMENT RESUME

ED 460 714 JC 990 287

AUTHOR	Jackson, Maureen
TITLE	Retention, Graduation and Transfer Rates at Maryland Community Colleges.
INSTITUTION	Maryland State Higher Education Commission, Annapolis.
REPORT NO	MHEC-1999-RES-7
PUB DATE	1999-06-00
NOTE	91p.
PUB TYPE	Numerical/Quantitative Data (110)
EDRS PRICE	MF01/PC04 Plus Postage.
DESCRIPTORS	Academic Achievement; *Academic Persistence; *Black Students; College Graduates; *Community Colleges; Enrollment; Higher Education; School Holding Power; Statistical Data; *Student Characteristics; Tables (Data); *Transfer Rates (College)
IDENTIFIERS	*African Americans; Graduation Rates; *Maryland

ABSTRACT

This report contains the second, third, and fourth year retention, transfer, and graduation patterns at each Maryland public community college. The report covers all first- and full-time students, with outcomes for African-American first- and full-time students displayed separately, for the entering classes from 1987 to 1996. Highlighted findings include the following: (1) the four-year success rate of new full-time freshmen has fallen from 39% in the 1988 cohort to 32% in the 1996 cohort - the lowest figure since 1980; (2) the four-year success rate of full-time African American community college students has remained constant at 20%; (3) full-time African American students transferring to a four-year institution increased slightly during the past three cohorts from 13.8% to 15.4%; (4) the four-year success rate of full-time African American community college students continues to lag substantially behind those of all other students; (4) community colleges with the highest four-year success rates for the entering class of 1994 were Chesapeake (44%), Frederick (42%), and Carroll (41%), while those with the lowest rates were Baltimore City (17%), Cecil (23%), and CCBC-Dundalk (24%). The greatest four-year success rates among African American students in 1994 occurred at Charles (28%), Chesapeake (26%) and Frederick (13%), while the lowest rates appeared at CCBC-Dundalk (13%), Harford (13%) and Howard (14%). A total of 38 tables show retention, graduation, and transfer rates for all students, and African American students specifically, at 18 Maryland community colleges. (AS)

Reproductions supplied by EDRS are the best that can be made
from the original document.

ED 460 714

MARYLAND HIGHER EDUCATION COMMISSION

RETENTION, GRADUATION AND TRANSFER RATES

AT MARYLAND COMMUNITY COLLEGES

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
X This document has been reproduced as received from the person or organization originating it.
☐ Minor changes have been made to improve reproduction quality.
• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

JUNE 1999

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL HAS BEEN GRANTED BY
M.R. ROSENTHAL
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)
1

JC990297

1999-RES-7

PRINCIPAL AUTHOR: MAUREEN JACKSON

MARYLAND HIGHER EDUCATION COMMISSION
16 Francis Street, Annapolis, Maryland 21401

BEST COPY AVAILABLE

MARYLAND HIGHER EDUCATION COMMISSION

Edward O. Clarke, Jr., Chairman

Stephen A. Burch

Dorothy Dixon Chaney

Donna H. Cunninghame

Anne Osborn Emery

John L. Green

Terry L. Lierman

Damian O'Doherty

R. Kathleen Perini

Charles B. Saunders, Jr.

Richard P. Streett, Jr.

Patricia S. Florestano, Ph.D.
Secretary of Higher Education

This publication is available in alternate formats.
Please call (410) 974-2971 or (800) 7350-2258 (TTY/Voice).

Highlights of Retention, Transfer and Graduation Rates at Maryland Community Colleges

This report contains the second, third and fourth year retention, transfer and graduation patterns at each Maryland public community college. The report covers all first-time, full-time students and African American first-time, full-time students for the entering classes from 1987 to 1996. Beginning this year, the rates for the cohorts of 1996 and beyond include changes resulting from the federal Graduation Rate Survey (GRS) and the implementation of the recommendations of the intersegmental workgroup which advised the Commission on this subject. Cohorts from previous years are unchanged. There are no policy significant changes in the data as a consequence of the GRS-induced methology:

- All first-time students, not just first-time freshmen, will be tracked.
- Students who enrolled at multiple institutions will be included more than once in the cohort. In the past, cross-enrolled students were reported at only one campus on a randomly-selected basis.
- If an institution reports a new social security number for a student, we will not track the student on the basis of the new number. In the past, these students were treated as having dropped. The impact of this change will be greatest at institutions with a large number of foreign students, who are often assigned a "dummy" number when they initially enroll.

The method used to match student enrollment and degree attainment will be based on the IPEDS GRS procedures and on the recommendations of the GRS workgroup
The report uses the following definitions:

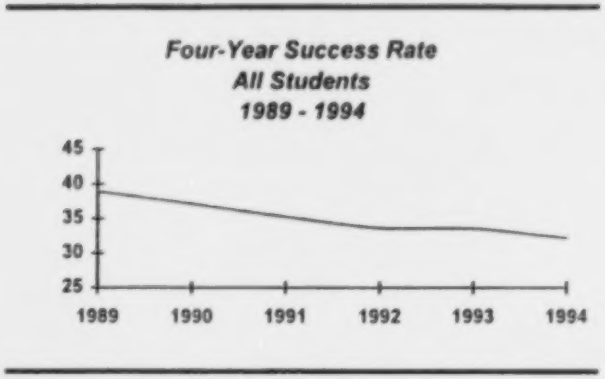
- *Still Enrolled* - The student was retained at their original community college or has transferred to another Maryland community college.

- *Graduated/Did Not Transfer* - The student graduated from a Maryland community college with either an associate degree or a lower division certificate and did not transfer to a **Maryland public four-year institution**.

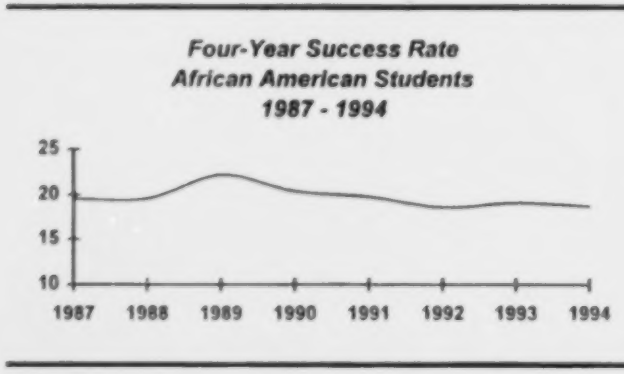
- *Transferred to a 4 Year* - The student transferred to a **Maryland public four-year campus**. The Commission is unable to track the transfer of students to a Maryland independent institution or to an out-of-state campus. The student may or may not have earned an associate degree or a lower division certificate prior to transferring.

Some highlights:

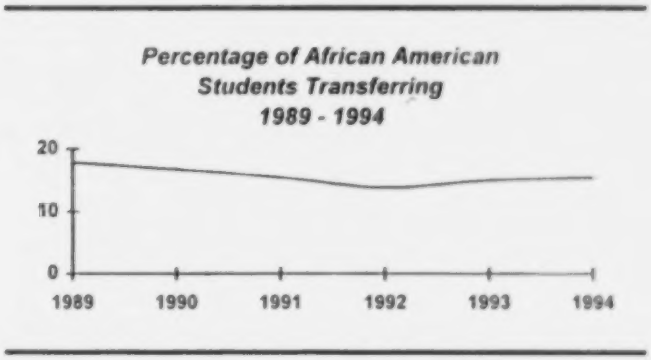
- Success rate is measured by the percentage of students earning a degree or certificate or transferring to a public four-year campus. The four-year success rate of new full-time freshmen has fallen from 39 percent in the 1988 cohort to 32 percent in the 1996 cohort--the lowest figure since 1980.



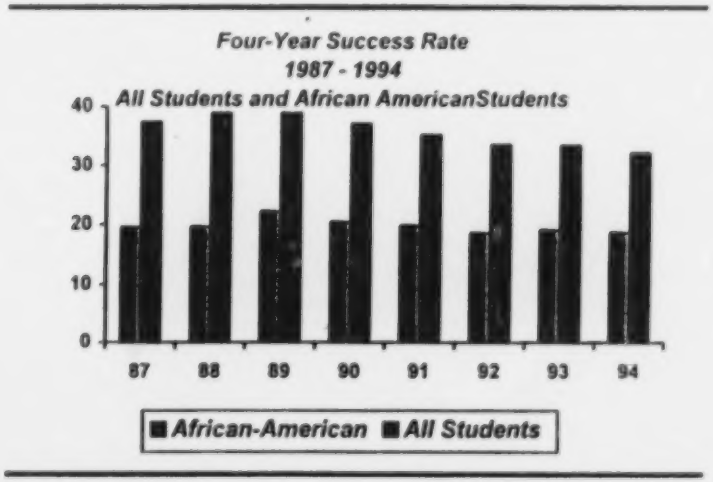
- The four-year success rate of full-time African American community college students has remained essentially flat in recent years at approximately 20 percent. For the 1994 cohort, the success rate was 18.7 percent.



- However, the proportion of full-time African American students who transferred to a four year institution increased slightly during the past three cohorts from 13.8 percent to 15.4 percent. Nevertheless, this remains below the transfer rate of 17.8 percent for African Americans in the 1989 cohort.



- The four-year success rate of full-time African American community college students has consistently and substantially lagged behind those of all students. The gap has slightly narrowed over the past 10 years.



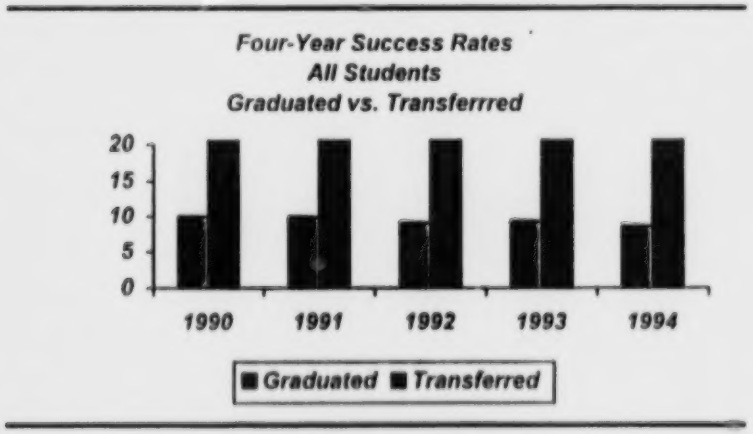
10

11

- The community colleges with the highest four-year success rates for the entering class of 1994 were Chesapeake (44 percent), Frederick (42 percent) and Carroll (41 percent). Those with the lowest rates were Baltimore City (17 percent), Cecil (23 percent) and CCBC - Dundalk (24 percent)

- The community colleges with the greatest four-year success rates among African American students in the 1994 cohort were Charles (28 percent), Chesapeake (26 percent), and Frederick (24 percent). Those with the lowest rates were CCBC - Dundalk (13 percent), Harford (13 percent) and Howard (14 percent).

The following two graphics compare those students who graduated versus those students who transferred. Students who graduated and then transferred are included in both groups but represent a small percent of the total. As the charts indicate, student transfers make up the largest part of the success rates of community college students.



12

13

RETENTION, GRADUATION AND TRANSFER RATES

MARYLAND COMMUNITY COLLEGES

(BY CAMPUS)

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Statewide Count

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	9,448	34.2%	4.3%	14.1%	16.7%	9.1%	22.8%	10.3%	10.8%	26.6%
1988	10,727	35.1%	3.4%	15.2%	17.4%	8.0%	24.6%	10.0%	10.3%	28.6%
1989	11,019	36.2%	2.7%	16.3%	17.7%	7.6%	25.5%	10.4%	9.6%	29.3%
1990	10,303	36.2%	3.2%	14.8%	17.7%	8.2%	23.1%	10.6%	10.0%	27.1%
1991	11,003	36.6%	3.1%	13.4%	18.4%	7.9%	21.5%	10.7%	9.9%	25.3%
1992	11,008	35.6%	2.7%	12.9%	17.7%	6.9%	20.8%	10.0%	9.1%	24.5%
1993	10,692	36.2%	2.2%	12.9%	18.0%	6.9%	20.7%	10.6%	9.3%	24.2%
1994	10,436	35.5%	2.1%	12.6%	17.4%	6.7%	20.2%	**10.3%**	**8.6%**	**23.6%**
1995	8,653	35.8%	2.3%	13.1%	**18.1%**	**6.4%**	**21.0%**			
1996	10,905	35.1%	2.7%	12.7%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Statewide Count

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	1,775	29.3%	1.6%	6.7%	17.2%	4.2%	10.8%	12.0%	6.3%	13.3%
1988	1,826	30.0%	1.4%	6.6%	18.5%	3.5%	11.1%	12.4%	5.1%	14.5%
1989	1,966	30.1%	1.0%	8.7%	19.9%	3.2%	14.3%	11.4%	4.4%	17.8%
1990	1,822	32.5%	1.0%	9.1%	18.5%	2.9%	14.3%	13.2%	3.7%	16.7%
1991	2,195	32.3%	1.7%	6.8%	19.4%	3.4%	11.9%	12.4%	4.4%	15.4%
1992	2,486	32.5%	1.7%	6.6%	18.8%	3.4%	11.0%	11.9%	4.8%	13.8%
1993	2,352	34.2%	0.7%	7.1%	19.3%	2.6%	11.7%	12.9%	4.1%	15.0%
1994	2,462	32.0%	0.8%	7.5%	18.3%	2.4%	12.6%	11.5%	3.3%	15.4%
1995	2,579	31.1%	0.5%	7.8%	18.9%	1.9%	12.4%			
1996	2,677	30.8%	0.8%	7.1%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Allegany College of Maryland

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year
1987	439	28.7%	21.2%	9.3%	10.2%	32.4%	13.9%	5.0%	34.4%	16.1%
1988	479	30.5%	18.6%	9.6%	12.1%	27.1%	16.9%	5.8%	28.8%	20.1%
1989	503	34.6%	11.5%	9.8%	13.1%	24.7%	15.3%	7.4%	29.0%	16.7%
1990	459	34.7%	12.9%	7.0%	11.7%	26.3%	14.8%	5.2%	29.4%	17.0%
1991	499	35.7%	10.6%	8.0%	13.0%	25.6%	12.4%	4.8%	31.7%	14.4%
1992	436	32.6%	10.4%	5.2%	15.8%	21.7%	8.7%	8.0%	26.8%	10.5%
1993	477	36.7%	10.5%	5.7%	16.7%	26.0%	10.1%	6.8%	31.7%	12.0%
1994	458	33.4%	8.3%	6.6%	11.5%	22.0%	9.8%	4.1%	26.6%	10.9%
1995	480	35.6%	8.7%	5.9%	16.4%	20.2%	11.6%			
1996	430	31.4%	7.9%	5.6%						

Source: MHEC Enrollment and Degree Information Systems

20

21

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Allegany College of Maryland

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	15	26.7%	33.3%	0.0%	6.7%	46.7%	0.0%	0.0%	40.0%	13.4%
1988	19	10.6%	10.5%	5.3%	5.3%	15.8%	10.5%	0.0%	10.5%	15.8%
1989	21	23.8%	0.0%	4.8%	0.0%	9.5%	4.8%	0.0%	9.5%	4.8%
1990	9	*	*	*	*	*	*	*	*	*
1991	19	21.1%	10.5%	5.3%	5.3%	15.8%	5.3%	0.0%	15.1%	5.3%
1992	12	*	*	*	*	*	*	*	*	*
1993	8	*	*	*	*	*	*	*	*	*
1994	18	11.2%	11.1%	5.6%	0.0%	11.1%	11.1%	0.0%	11.1%	11.1%
1995	20	15.0%	10.0%	5.0%	5.0%	20.0%	5.0%			
1996	11	*	*	*						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems

22

23

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Anne Arundel Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	1,036	32.5%	3.5%	18.8%	16.7%	8.3%	28.7%	10.4%	9.6%	33.3%
1988	1,251	37.7%	2.0%	17.7%	16.6%	5.8%	30.2%	10.8%	8.2%	33.8%
1989	1,308	38.6%	2.4%	18.7%	17.5%	5.5%	32.1%	9.6%	7.2%	36.0%
1990	1,244	36.4%	2.1%	19.3%	16.8%	6.1%	30.2%	9.1%	7.7%	35.6%
1991	1,188	37.6%	2.6%	18.8%	16.7%	6.6%	29.7%	9.5%	8.1%	34.4%
1992	1,192	33.4%	2.1%	17.4%	17.0%	6.3%	27.1%	8.7%	7.7%	31.4%
1993	1,202	35.7%	1.6%	15.8%	18.2%	5.0%	25.5%	11.2%	7.0%	29.2%
1994	1,024	35.6%	1.9%	17.0%	16.7%	6.2%	26.1%	10.1%	8.8%	30.4%
1995	1,268	36.6%	1.9%	16.9%	15.8%	6.9%	26.8%			
1996	1,270	34.6%	1.9%	15.5%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Anne Arundel Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	64	32.9%	1.6%	10.9%	17.2%	4.7%	17.2%	12.5%	6.2%	17.2%
1988	83	28.9%	0.0%	10.8%	15.6%	3.6%	16.9%	12.0%	4.8%	19.3%
1989	91	33.0%	3.3%	3.3%	20.9%	3.3%	11.0%	13.2%	4.4%	12.1%
1990	89	37.1%	1.1%	10.1%	22.4%	2.2%	11.2%	11.2%	3.3%	13.5%
1991	72	29.2%	0.0%	2.8%	12.5%	1.4%	11.2%	9.7%	2.8%	11.1%
1992	85	25.9%	1.2%	7.1%	21.2%	2.4%	8.3%	11.7%	4.7%	13.0%
1993	82	29.2%	1.2%	6.1%	15.9%	2.4%	9.7%	12.2%	4.9%	12.2%
1994	80	28.8%	0.0%	12.6%	10.1%	2.5%	18.8%	12.6%	3.8%	18.8%
1995	113	32.7%	0.0%	9.8%	19.5%	0.9%	17.7%			
1996	119	25.2%	0.0%	7.6%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Baltimore City Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year
1987	466	23.2%	4.3%	5.5%	13.8%	6.9%	10.1%	7.7%	9.0%	13.0%
1988	427	23.9%	3.0%	3.9%	15.4%	7.7%	8.2%	13.1%	10.0%	11.2%
1989	605	24.6%	2.0%	14.3%	18.7%	6.0%	18.5%	8.9%	8.3%	20.0%
1990	532	28.0%	3.0%	14.1%	16.7%	5.7%	17.1%	12.6%	7.0%	19.9%
1991	752	31.0%	3.8%	7.4%	21.2%	5.7%	12.2%	11.1%	7.9%	15.8%
1992	1,024	33.5%	3.2%	7.7%	19.2%	4.9%	11.7%	11.8%	6.8%	14.5%
1993	624	37.3%	1.2%	7.2%	21.3%	2.5%	11.7%	13.3%	5.0%	15.7%
1994	686	32.1%	1.5%	6.7%	20.6%	3.3%	11.2%	**12.7%**	**3.6%**	**13.7%**
1995	541	33.9%	1.1%	5.4%	**21.8%**	**2.4%**	**8.7%**			
1996	704	27.8%	0.0%	5.0%						

Source: MHEC Enrollment and Degree Information Systems

28

29

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Baltimore City Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	367	24.5%	0.8%	4.6%	14.5%	3.3%	9.8%	9.3%	5.7%	12.5%
1988	324	25.0%	1.2%	3.4%	17.9%	3.7%	8.4%	15.5%	6.2%	11.4%
1989	459	23.3%	0.7%	14.2%	20.7%	3.3%	18.1%	10.4%	5.4%	19.8%
1990	414	31.0%	1.4%	13.3%	17.9%	3.6%	16.9%	14.2%	4.8%	19.3%
1991	590	32.2%	3.3%	6.8%	22.9%	5.0%	11.5%	12.7%	6.7%	15.7%
1992	845	34.4%	2.2%	6.8%	19.7%	3.9%	10.1%	12.1%	5.5%	13.1%
1993	522	38.1%	1.2%	6.9%	22.2%	2.5%	10.9%	14.1%	5.4%	15.1%
1994	587	32.2%	1.2%	5.4%	20.4%	3.1%	10.3%	**12.6%**	**2.9%**	**12.9%**
1995	473	33.7%	0.6%	5.1%	**22.0%**	**1.9%**	**8.5%**			
1996	603	28.6%	0.0%	4.1%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Carroll Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	303	42.9%	1.7%	15.2%	14.9%	12.2%	22.8%	12.6%	15.2%	27.1%
1994	270	38.9%	2.6%	14.8%	14.8%	11.1%	25.6%	10.0%	12.6%	28.2%
1995	292	39.7%	0.0%	12.6%	18.8%	8.2%	18.5%			
1996	261	37.1%	1.5%	11.1%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Carroll Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	2	*	*	*	*	*	*	*	*	*
1994	5	*	*	*	*	*	*	*	*	*
1995	5	*	*	*	*	*	*			
1996	1	*	*	*						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Cecil Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year
1987	115	30.4%	3.5%	6.1%	17.4%	8.7%	12.1%	12.1%	10.5%	13.9%
1988	94	33.0%	5.3%	7.5%	20.2%	13.8%	10.6%	6.4%	17.1%	12.8%
1989	99	36.3%	5.0%	16.1%	21.2%	9.1%	22.3%	11.1%	14.1%	25.2%
1990	121	19.9%	4.2%	9.1%	4.1%	7.5%	14.1%	5.8%	7.5%	14.0%
1991	141	29.1%	2.8%	11.3%	8.5%	12.8%	14.1%	7.1%	14.9%	15.6%
1992	191	27.7%	2.6%	11.0%	13.6%	8.9%	12.6%	8.9%	11.5%	13.1%
1993	138	26.1%	3.6%	8.0%	13.7%	7.9%	12.3%	7.2%	10.2%	13.7%
1994	120	25.8%	2.5%	10.0%	15.8%	7.5%	11.6%	**5.0%**	**10.9%**	**12.5%**
1995	131	31.3%	3.9%	9.2%	**11.4%**	**9.9%**	**13.0%**			
1996	163	33.1%	1.2%	8.6%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Cecil Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	10	*	*	*	*	*	*	*	*	*
1988	6	*	*	*	*	*	*	*	*	*
1989	3	*	*	*	*	*	*	*	*	*
1990	3	*	*	*	*	*	*	*	*	*
1991	3	*	*	*	*	*	*	*	*	*
1992	3	*	*	*	*	*	*	*	*	*
1993	2	*	*	*	*	*	*	*	*	*
1994	4	*	*	*	*	*	*	*	*	*
1995	6	*	*	*	*	*	*			
1996	14	*	*	*						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems

39

33

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Charles County Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year
1987	233	31.3%	5.2%	23.6%	15.0%	9.5%	32.1%	12.0%	11.6%	35.1%
1988	291	30.2%	5.1%	28.5%	13.4%	12.1%	38.2%	6.9%	14.1%	41.6%
1989	415	37.1%	2.6%	18.8%	16.8%	9.9%	28.3%	10.2%	12.0%	31.3%
1990	426	35.0%	2.1%	18.6%	15.2%	8.9%	29.8%	9.6%	10.1%	34.3%
1991	460	40.0%	2.7%	20.0%	16.5%	5.9%	32.8%	8.5%	10.2%	37.0%
1992	479	38.8%	1.4%	20.5%	15.7%	6.6%	30.2%	7.5%	8.2%	34.0%
1993	470	34.1%	0.6%	24.0%	15.3%	6.8%	33.6%	11.1%	8.5%	36.2%
1994	534	35.4%	0.9%	16.8%	14.6%	5.3%	27.9%	9.4%	6.0%	31.2%
1995	574	35.7%	2.1%	22.8%	15.5%	8.5%	32.6%			
1996	646	36.7%	1.7%	18.3%						

Source: MHEC Enrollment and Degree Information Systems

40

41

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Charles County Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	12	*	*	*	*	*	*	*	*	*
1988	21	28.6%	14.3%	9.5%	23.8%	19.1%	19.1%	9.5%	19.1%	28.5%
1989	32	40.7%	0.0%	6.2%	9.4%	9.4%	12.5%	9.4%	12.5%	15.6%
1990	28	53.8%	3.6%	3.6%	10.7%	7.2%	25.1%	17.8%	7.2%	28.6%
1991	32	34.4%	3.1%	6.3%	15.6%	3.1%	15.7%	18.7%	6.3%	21.9%
1992	27	33.3%	0.0%	3.7%	18.5%	0.0%	11.1%	7.4%	0.0%	11.1%
1993	29	24.1%	0.0%	20.7%	6.9%	3.4%	27.5%	6.9%	6.9%	27.5%
1994	46	23.9%	0.0%	15.2%	6.5%	0.0%	23.9%	6.5%	2.2%	26.1%
1995	44	38.6%	0.0%	15.9%	11.4%	4.5%	29.5%			
1996	71	28.1%	1.4%	14.1%						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Chesapeake College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	152	22.4%	21.7%	9.9%	11.2%	25.0%	12.6%	7.3%	27.0%	13.8%
1988	227	19.4%	12.4%	15.4%	9.3%	18.0%	20.7%	5.3%	17.6%	23.3%
1989	182	27.5%	4.9%	14.2%	9.3%	9.3%	21.4%	8.2%	11.5%	21.9%
1990	192	20.8%	7.9%	14.1%	11.5%	13.1%	19.3%	5.2%	16.2%	20.9%
1991	187	31.0%	12.3%	13.9%	15.5%	18.7%	18.7%	8.6%	21.4%	22.5%
1992	205	22.0%	12.6%	13.6%	7.8%	17.5%	17.6%	3.4%	17.0%	21.9%
1993	209	30.1%	2.9%	19.6%	12.0%	12.5%	24.9%	6.2%	15.8%	26.7%
1994	196	26.1%	10.7%	14.3%	13.7%	18.4%	18.9%	**9.1%**	**22.4%**	**21.9%**
1995	211	28.4%	12.3%	15.2%	**12.3%**	**17.6%**	**22.3%**			
1996	229	31.9%	3.5%	15.3%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Chesapeake College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	19	10.5%	31.6%	0.0%	10.6%	31.6%	0.0%	15.8%	31.6%	0.0%
1988	36	2.8%	6.6%	5.6%	0.0%	13.9%	11.2%	2.8%	13.9%	11.2%
1989	16	12.5%	6.3%	12.5%	6.3%	12.6%	12.5%	0.0%	12.6%	12.5%
1990	31	22.6%	3.2%	6.5%	6.5%	6.5%	9.7%	3.2%	6.5%	9.7%
1991	25	32.0%	20.0%	0.0%	16.0%	20.0%	0.0%	8.0%	20.0%	0.0%
1992	30	23.3%	43.3%	0.0%	6.7%	53.4%	6.6%	3.3%	46.6%	13.3%
1993	18	11.1%	0.0%	5.6%	22.2%	0.0%	5.6%	11.1%	5.6%	5.6%
1994	23	13.0%	4.3%	8.7%	4.3%	13.0%	8.7%	0.0%	17.4%	8.7%
1995	23	8.7%	4.3%	8.6%	4.3%	4.3%	17.4%			
1996	36	36.1%	0.0%	13.9%						

Source: MHEC Enrollment and Degree Information Systems

46

47

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Community Colleges of Baltimore County

Catonsville Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	836	38.9%	0.9%	11.5%	17.8%	5.7%	22.8%	11.4%	7.3%	26.9%
1988	972	38.0%	0.6%	17.7%	20.5%	4.1%	29.8%	10.9%	7.4%	34.2%
1989	1,107	39.9%	0.9%	17.6%	16.8%	6.1%	30.8%	9.0%	7.6%	35.7%
1990	1,147	37.2%	1.3%	16.6%	19.2%	5.2%	26.3%	10.7%	8.0%	30.8%
1991	1,220	37.7%	0.5%	15.5%	20.3%	5.0%	24.7%	13.7%	5.6%	27.8%
1992	1,166	38.4%	1.4%	14.4%	18.9%	3.1%	24.4%	11.2%	7.2%	28.1%
1993	938	38.4%	0.2%	11.4%	18.8%	3.8%	20.7%	11.5%	5.4%	24.5%
1994	916	37.3%	0.2%	13.4%	16.9%	3.4%	20.7%	10.5%	4.7%	24.2%
1995	937	35.9%	0.6%	14.6%	19.4%	2.8%	22.0%			
1996	844	32.7%	0.9%	11.6%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Community Colleges of Baltimore County

Catonsville Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	173	28.9%	0.6%	9.2%	17.4%	2.9%	12.1%	15.6%	4.6%	13.9%
1988	153	33.3%	0.0%	9.1%	23.5%	1.3%	12.5%	15.0%	4.0%	14.4%
1989	176	27.8%	0.0%	5.7%	21.0%	1.1%	13.1%	10.2%	2.3%	19.4%
1990	197	34.0%	0.5%	10.1%	16.7%	2.0%	20.3%	13.7%	2.0%	22.8%
1991	241	35.7%	0.0%	9.5%	24.9%	0.4%	16.6%	18.3%	0.0%	19.5%
1992	235	34.5%	0.0%	6.4%	21.3%	0.4%	12.7%	13.6%	1.7%	16.2%
1993	269	33.1%	0.0%	6.7%	17.1%	0.4%	11.9%	13.8%	0.7%	15.6%
1994	296	33.4%	0.0%	7.8%	16.8%	1.0%	12.8%	**13.9%**	**2.0%**	**15.6%**
1995	314	32.8%	0.0%	8.3%	**22.0%**	**0.3%**	**11.8%**			
1996	273	26.3%	0.4%	5.1%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Community Colleges of Baltimore County

Dundalk Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	195	35.9%	4.7%	7.2%	11.8%	11.3%	15.9%	7.2%	12.9%	19.0%
1988	160	43.8%	5.7%	5.6%	23.8%	11.2%	13.8%	16.3%	14.4%	15.0%
1989	173	34.7%	1.2%	13.3%	11.0%	8.7%	19.1%	8.1%	9.8%	21.4%
1990	201	43.8%	4.0%	7.5%	14.9%	11.4%	19.4%	7.5%	12.4%	21.9%
1991	196	40.8%	2.5%	7.2%	16.3%	9.7%	14.8%	8.7%	12.2%	18.4%
1992	207	43.5%	2.9%	6.8%	17.4%	9.7%	15.0%	11.5%	13.1%	16.9%
1993	195	35.3%	1.5%	7.7%	14.9%	6.7%	12.8%	7.7%	8.2%	16.5%
1994	215	35.8%	1.0%	7.5%	13.5%	8.4%	14.0%	8.8%	9.3%	14.9%
1995	181	41.4%	1.1%	2.8%	24.3%	8.8%	6.6%			
1996	136	33.8%	0.7%	4.4%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Community Colleges of Baltimore County

Dundalk Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	42	21.5%	0.0%	2.4%	9.5%	2.4%	4.8%	4.8%	4.8%	7.2%
1988	12	*	*	*	*	*	*	*	*	*
1989	34	29.4%	0.0%	14.7%	11.7%	2.9%	14.7%	5.8%	2.9%	20.6%
1990	27	37.0%	0.0%	0.0%	14.8%	3.7%	3.7%	14.8%	3.7%	3.7%
1991	36	38.9%	2.8%	5.6%	25.0%	2.8%	5.6%	8.4%	5.6%	13.9%
1992	30	36.7%	0.0%	0.0%	10.0%	10.0%	6.7%	13.3%	13.3%	6.6%
1993	30	33.3%	0.0%	10.0%	10.0%	3.3%	16.7%	3.3%	3.3%	20.0%
1994	30	20.0%	3.3%	3.3%	3.3%	10.0%	3.3%	0.0%	10.0%	3.3%
1995	39	43.6%	0.0%	2.6%	28.2%	5.1%	10.2%			
1996	30	33.3%	0.0%	3.3%						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Community Colleges of Baltimore County

Essex Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	857	41.4%	0.9%	13.2%	17.8%	6.2%	25.4%	12.4%	8.3%	29.3%
1988	1,073	41.1%	1.1%	13.5%	18.4%	6.2%	26.8%	11.0%	8.5%	31.2%
1989	1,045	42.6%	1.1%	14.0%	22.9%	6.3%	24.1%	12.9%	8.0%	29.9%
1990	1,072	40.9%	1.1%	12.2%	19.8%	5.1%	22.4%	12.7%	6.9%	26.6%
1991	891	41.5%	1.3%	9.2%	18.9%	5.2%	20.2%	11.2%	6.5%	24.8%
1992	909	40.4%	1.1%	11.5%	18.0%	5.7%	23.9%	10.1%	8.6%	27.2%
1993	916	39.1%	0.9%	11.3%	18.5%	4.3%	22.2%	11.7%	6.5%	26.1%
1994	813	40.9%	1.1%	10.9%	18.2%	4.4%	22.9%	10.9%	6.1%	25.7%
1995	789	39.8%	1.0%	8.9%	19.4%	5.0%	20.0%			
1996	749	41.0%	0.4%	9.7%						

Source: MHEC Enrollment and Degree Information Systems

56

57

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Community Colleges of Baltimore County

Essex Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	88	28.4%	2.3%	4.5%	12.5%	4.5%	10.2%	12.5%	9.1%	12.5%
1988	86	25.6%	0.0%	4.7%	17.4%	2.3%	8.2%	10.4%	2.3%	11.6%
1989	99	39.4%	0.0%	7.1%	25.2%	5.1%	14.2%	12.1%	8.1%	19.2%
1990	120	30.8%	0.8%	10.0%	15.0%	4.2%	15.0%	16.7%	4.2%	17.5%
1991	107	31.8%	0.9%	3.7%	13.0%	6.5%	11.2%	7.4%	8.4%	11.2%
1992	87	31.0%	1.1%	8.0%	12.6%	3.4%	17.2%	9.1%	4.6%	18.3%
1993	106	26.4%	0.9%	3.8%	15.1%	2.8%	5.6%	9.5%	5.6%	8.5%
1994	99	36.3%	1.0%	7.1%	21.2%	1.0%	16.2%	14.1%	4.0%	18.2%
1995	102	24.5%	0.0%	3.9%	17.7%	3.9%	7.8%			
1996	116	37.9%	0.0%	4.3%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Frederick Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	394	33.3%	11.9%	14.7%	13.5%	22.8%	20.9%	8.4%	26.1%	23.1%
1988	441	38.8%	9.9%	12.0%	16.5%	22.2%	17.4%	9.6%	26.5%	19.7%
1989	463	35.9%	10.2%	13.0%	12.3%	21.1%	21.6%	10.0%	23.5%	24.3%
1990	477	33.8%	10.7%	13.8%	12.7%	21.6%	19.9%	7.1%	24.9%	22.0%
1991	455	35.6%	9.7%	9.4%	14.9%	21.5%	14.5%	9.0%	25.5%	17.1%
1992	502	37.3%	6.0%	8.6%	14.0%	16.5%	16.0%	6.6%	21.1%	19.2%
1993	492	34.7%	6.3%	10.7%	14.6%	13.8%	18.5%	6.7%	19.9%	20.1%
1994	470	34.0%	5.3%	15.1%	14.1%	16.4%	21.5%	9.3%	18.3%	23.9%
1995	495	36.8%	6.2%	11.3%	14.1%	14.7%	19.6%			
1996	500	37.6%	6.2%	12.4%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Frederick Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	17	35.3%	0.0%	5.9%	11.8%	11.8%	11.8%	17.7%	11.8%	11.8%
1988	17	41.2%	11.8%	11.8%	11.8%	23.5%	11.8%	11.8%	23.5%	11.8%
1989	23	30.4%	4.3%	0.0%	13.0%	8.7%	13.0%	8.7%	8.7%	13.0%
1990	28	28.6%	7.2%	10.7%	10.7%	10.7%	21.4%	3.6%	10.7%	25.0%
1991	27	40.7%	3.7%	3.7%	11.1%	7.4%	7.4%	14.8%	7.4%	7.4%
1992	34	20.5%	2.9%	8.8%	8.8%	5.9%	11.8%	0.0%	11.8%	11.8%
1993	21	42.9%	0.0%	0.0%	19.1%	4.8%	4.8%	4.8%	23.8%	4.8%
1994	21	38.1%	0.0%	4.8%	19.0%	14.3%	9.6%	4.8%	14.3%	9.6%
1995	26	46.2%	0.0%	0.0%	19.2%	3.8%	7.7%			
1996	25	28.0%	4.0%	8.0%						

Source: MHEC Enrollment and Degree Information Systems

62

63

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Garrett Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	92	25.0%	9.8%	13.0%	6.5%	16.3%	18.5%	2.2%	18.5%	19.6%
1988	116	19.8%	6.9%	12.9%	2.6%	17.3%	19.0%	2.6%	18.1%	19.0%
1989	123	28.5%	6.5%	11.4%	6.5%	15.4%	18.7%	2.4%	16.3%	22.0%
1990	127	29.1%	8.7%	8.6%	12.6%	14.2%	14.9%	6.3%	17.3%	16.5%
1991	141	21.9%	7.8%	13.5%	5.7%	17.7%	17.7%	4.9%	17.7%	17.7%
1992	155	21.9%	10.3%	6.4%	9.7%	16.7%	10.3%	3.8%	19.4%	11.0%
1993	133	21.8%	6.1%	9.8%	6.8%	15.8%	13.6%	3.0%	18.0%	15.0%
1994	222	24.3%	5.0%	8.1%	8.6%	12.6%	11.7%	4.1%	15.4%	13.1%
1995	167	20.4%	6.6%	7.2%	7.2%	14.4%	10.8%			
1996	153	19.0%	7.2%	9.1%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Garrett Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	3	*	*	*	*	*	*	*	*	*
1988	4	*	*	*	*	*	*	*	*	*
1989	9	*	*	*	*	*	*	*	*	*
1990	11	*	*	*	*	*	*	*	*	*
1991	7	*	*	*	*	*	*	*	*	*
1992	8	*	*	*	*	*	*	*	*	*
1993	5	*	*	*	*	*	*	*	*	*
1994	11	*	*	*	*	*	*	*	*	*
1995	7	*	*	*	*	*	*			
1996	5	*	*	*						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems

66

67

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Hagerstown Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	417	27.8%	12.4%	10.0%	7.7%	26.6%	14.9%	5.8%	27.8%	16.3%
1988	417	29.0%	10.5%	8.2%	9.9%	22.3%	11.5%	4.4%	25.9%	13.0%
1989	504	34.1%	9.3%	8.2%	11.5%	22.6%	14.4%	6.0%	27.6%	16.2%
1990	476	28.6%	11.1%	9.1%	10.3%	25.2%	13.0%	4.4%	26.3%	15.5%
1991	516	26.2%	10.5%	10.1%	9.1%	18.6%	14.7%	4.5%	23.1%	15.9%
1992	488	26.7%	7.4%	9.9%	9.0%	18.4%	12.7%	4.3%	21.3%	14.4%
1993	462	25.5%	9.9%	8.2%	6.7%	22.1%	10.6%	3.9%	24.7%	11.9%
1994	495	24.4%	9.5%	8.9%	7.5%	21.2%	12.6%	5.2%	22.8%	15.0%
1995	458	26.7%	6.6%	10.2%	9.4%	17.1%	14.2%			
1996	552	23.0%	20.9%	13.8%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Hagerstown Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	52	19.2%	3.8%	1.9%	5.7%	19.2%	3.8%	5.7%	21.2%	3.8%
1988	32	25.0%	3.1%	0.0%	3.1%	18.8%	3.1%	3.1%	25.0%	3.1%
1989	49	18.3%	8.2%	8.2%	10.2%	16.3%	12.3%	6.1%	16.3%	18.3%
1990	56	21.5%	3.6%	5.4%	12.5%	16.1%	5.4%	3.6%	16.1%	7.2%
1991	58	12.1%	8.6%	10.3%	6.9%	13.8%	10.3%	1.7%	15.5%	10.3%
1992	48	12.5%	4.2%	4.2%	4.2%	12.5%	8.4%	4.2%	12.5%	8.4%
1993	50	10.0%	6.0%	0.0%	0.0%	16.0%	2.0%	2.0%	16.0%	4.0%
1994	73	15.1%	2.7%	1.4%	2.8%	11.0%	4.1%	2.8%	12.3%	5.5%
1995	29	17.2%	17.2%	3.4%	3.4%	20.7%	3.4%			
1996	44	22.8%	18.2%	4.6%						

Source: MHEC Enrollment and Degree Information Systems

70

71

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Harford Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	361	36.1%	5.3%	16.9%	17.2%	10.3%	28.5%	9.7%	12.7%	33.6%
1988	486	42.4%	3.7%	14.6%	20.4%	10.3%	26.3%	12.8%	12.0%	30.4%
1989	494	39.8%	3.4%	14.6%	20.8%	8.7%	22.9%	12.3%	11.7%	25.7%
1990	467	38.8%	4.7%	13.8%	19.1%	12.2%	22.7%	10.9%	13.3%	26.1%
1991	531	36.1%	2.8%	13.5%	20.3%	9.8%	22.0%	10.7%	11.3%	26.9%
1992	527	37.2%	0.9%	14.4%	16.1%	5.9%	23.7%	10.2%	8.9%	26.8%
1993	480	38.3%	1.4%	14.6%	16.6%	6.2%	24.1%	11.9%	10.2%	26.5%
1994	467	38.6%	1.2%	11.6%	20.4%	6.2%	20.3%	**14.3%**	**9.0%**	**24.4%**
1995	519	39.2%	1.2%	11.2%	**18.9%**	**5.8%**	**20.1%**			
1996	505	39.4%	1.2%	13.3%						

Source: MHEC Enrollment and Degree Information Systems

72

73

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Harford Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	24	20.9%	4.2%	4.2%	16.6%	12.5%	8.3%	12.5%	12.5%	16.6%
1988	43	27.9%	9.3%	9.3%	21.0%	11.6%	11.6%	14.0%	11.6%	13.9%
1989	29	44.8%	3.4%	0.0%	20.6%	10.3%	6.9%	13.7%	10.3%	20.6%
1990	36	19.5%	2.8%	8.3%	11.1%	2.8%	11.2%	16.7%	2.8%	13.9%
1991	29	41.3%	0.0%	0.0%	31.0%	10.3%	3.4%	17.2%	10.3%	6.9%
1992	37	32.4%	0.0%	8.1%	18.9%	2.7%	10.8%	5.4%	5.4%	13.5%
1993	41	31.7%	2.4%	4.9%	14.6%	7.3%	7.3%	17.1%	7.3%	9.7%
1994	30	16.7%	3.3%	6.6%	16.6%	6.7%	6.6%	10.0%	6.7%	6.6%
1995	37	16.2%	0.0%	2.7%	13.5%	2.7%	5.4%			
1996	42	33.4%	0.0%	9.5%						

Source: MHEC Enrollment and Degree Information Systems

74

75

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Howard Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	242	34.7%	2.9%	19.8%	21.5%	6.6%	29.0%	13.2%	9.1%	33.9%
1988	282	35.1%	2.8%	21.3%	23.0%	6.7%	34.0%	11.7%	8.5%	41.5%
1989	353	31.4%	1.6%	22.9%	17.8%	3.6%	34.8%	11.0%	4.8%	38.8%
1990	187	36.4%	1.6%	17.7%	15.5%	4.8%	29.4%	9.1%	4.8%	34.3%
1991	336	40.5%	2.1%	15.2%	21.2%	4.8%	23.6%	13.4%	6.6%	28.5%
1992	241	34.8%	0.8%	21.1%	17.0%	4.1%	32.4%	9.5%	5.0%	37.8%
1993	397	28.2%	2.6%	23.2%	16.2%	3.6%	32.5%	8.6%	5.6%	35.3%
1994	392	36.0%	0.8%	17.1%	18.9%	3.3%	27.3%	**9.7%**	**4.3%**	**32.1%**
1995	428	33.8%	1.9%	19.9%	**17.3%**	**3.5%**	**28.7%**			
1996	391	37.3%	1.0%	16.9%						

Source: MHEC Enrollment and Degree Information Systems

76

77

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Howard Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	38	23.7%	0.0%	18.4%	21.0%	0.0%	21.0%	15.8%	2.6%	26.4%
1988	40	32.5%	2.5%	15.0%	25.0%	5.0%	22.5%	12.5%	5.0%	35.0%
1989	53	26.4%	1.9%	22.7%	18.9%	1.9%	34.0%	9.5%	1.9%	35.9%
1990	21	33.4%	0.0%	0.0%	14.3%	0.0%	19.0%	9.6%	0.0%	19.0%
1991	41	29.3%	0.0%	7.3%	12.2%	0.0%	12.2%	9.8%	0.0%	12.2%
1992	31	29.1%	0.0%	9.7%	19.4%	0.0%	16.1%	9.7%	0.0%	19.4%
1993	65	33.9%	0.0%	12.3%	18.5%	3.1%	20.0%	10.8%	6.2%	20.0%
1994	81	22.2%	0.0%	8.6%	18.5%	0.0%	8.6%	7.4%	1.2%	12.4%
1995	66	25.7%	0.0%	7.6%	12.1%	0.0%	15.1%			
1996	76	18.4%	0.0%	11.8%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Montgomery College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	2,159	35.2%	1.1%	16.1%	19.1%	2.8%	24.9%	11.2%	4.1%	29.6%
1988	2,490	34.4%	1.0%	16.9%	19.0%	2.5%	26.1%	10.7%	4.5%	30.7%
1989	2,354	35.2%	0.7%	18.6%	19.1%	2.8%	26.9%	12.3%	4.0%	31.0%
1990	1,874	40.0%	0.7%	16.4%	22.8%	2.9%	25.1%	14.6%	4.4%	29.8%
1991	2,258	39.7%	1.1%	14.9%	23.1%	3.7%	22.9%	13.6%	5.6%	27.2%
1992	2,085	38.5%	0.7%	15.1%	21.5%	3.2%	22.8%	11.9%	4.4%	28.2%
1993	2,072	38.1%	1.1%	13.6%	21.5%	3.7%	21.2%	12.1%	5.2%	25.3%
1994	2,060	38.5%	0.7%	13.3%	22.0%	2.0%	21.6%	**11.7%**	**3.8%**	**25.9%**
1995	2,355	38.2%	0.9%	14.3%	**21.5%**	**2.9%**	**22.7%**			
1996	2,265	38.8%	0.8%	13.7%						

Source: MHEC Enrollment and Degree Information Systems

80

81

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Montgomery College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	287	31.7%	0.4%	7.7%	21.6%	2.1%	10.5%	12.9%	2.4%	12.2%
1988	341	35.2%	0.0%	5.0%	20.2%	1.8%	11.1%	15.5%	3.8%	15.3%
1989	316	32.6%	1.3%	6.7%	21.5%	2.2%	12.0%	13.9%	2.2%	15.2%
1990	209	37.3%	0.5%	9.1%	23.0%	1.9%	15.3%	15.8%	1.4%	18.7%
1991	297	33.3%	0.7%	7.4%	19.5%	2.4%	13.5%	14.5%	2.7%	15.5%
1992	341	32.8%	0.0%	7.6%	18.8%	1.2%	11.4%	10.9%	2.4%	14.1%
1993	457	36.1%	0.2%	9.0%	19.5%	1.8%	14.2%	12.9%	3.3%	18.2%
1994	445	35.5%	0.7%	8.3%	20.7%	1.8%	15.2%	10.6%	4.0%	18.4%
1995	541	32.0%	0.6%	10.2%	20.3%	2.2%	15.0%			
1996	535	33.5%	0.4%	6.7%						

Source: MHEC Enrollment and Degree Information Systems

82

83

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Prince George's Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	1,372	36.5%	1.4%	14.1%	19.9%	4.2%	23.0%	12.2%	5.9%	27.0%
1988	1,386	35.8%	0.6%	15.4%	18.7%	3.2%	23.6%	10.3%	5.2%	27.9%
1989	1,215	36.7%	0.3%	16.4%	20.4%	2.8%	25.3%	11.6%	4.1%	30.3%
1990	1,220	35.7%	0.5%	14.7%	19.4%	2.9%	21.6%	12.8%	4.1%	25.5%
1991	1,145	34.5%	0.6%	12.9%	17.2%	2.4%	21.3%	10.4%	3.2%	26.3%
1992	1,113	35.8%	1.1%	11.1%	20.5%	2.3%	18.8%	12.8%	3.8%	22.0%
1993	1,084	38.5%	0.2%	10.1%	22.2%	2.2%	18.5%	12.7%	3.4%	23.1%
1994	995	35.4%	0.0%	13.8%	19.9%	1.3%	20.1%	12.3%	3.1%	24.2%
1995	1,092	33.9%	0.6%	12.6%	19.9%	1.1%	19.2%			
1996	987	37.2%	0.6%	13.6%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Prince George's Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	550	34.2%	0.7%	6.7%	20.0%	2.6%	11.8%	13.5%	4.6%	14.6%
1988	594	31.8%	0.0%	7.9%	18.9%	0.8%	11.1%	10.9%	2.2%	14.7%
1989	546	33.6%	0.0%	6.8%	20.5%	1.3%	12.7%	12.8%	1.9%	16.9%
1990	535	32.9%	0.2%	6.6%	21.5%	0.9%	11.0%	12.9%	2.3%	13.7%
1991	601	32.3%	0.0%	6.9%	17.8%	0.5%	12.0%	11.4%	1.3%	16.8%
1992	621	33.4%	0.6%	6.0%	20.0%	1.4%	10.6%	14.3%	3.2%	13.4%
1993	636	34.9%	0.2%	6.3%	21.5%	1.9%	11.5%	13.8%	2.1%	14.9%
1994	601	35.1%	0.0%	8.7%	20.7%	0.8%	13.3%	12.5%	1.0%	16.9%
1995	723	30.3%	0.1%	8.7%	17.6%	0.5%	13.0%			
1996	667	34.5%	0.6%	10.2%						

Source: MHEC Enrollment and Degree Information Systems

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

All Students

Wor-Wic Community College

1987 - 1994

		Two Years			Three Years			Four Years		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	82	32.9%	12.2%	13.4%	11.0%	21.9%	18.3%	8.5%	29.3%	20.7%
1988	135	25.9%	5.1%	23.7%	7.4%	15.5%	26.7%	5.1%	20.8%	30.3%
1989	76	26.3%	0.0%	26.3%	13.2%	2.6%	31.6%	2.6%	11.8%	35.5%
1990	81	35.8%	1.2%	19.8%	9.9%	9.9%	23.5%	4.9%	22.2%	23.5%
1991	87	32.2%	1.1%	19.5%	16.1%	14.9%	22.9%	10.3%	19.5%	24.1%
1992	88	19.3%	3.4%	21.6%	11.3%	5.6%	22.7%	8.0%	5.7%	29.5%
1993	100	32.0%	5.0%	27.0%	19.0%	10.0%	33.0%	8.0%	10.0%	37.0%
1994	103	39.8%	4.8%	8.8%	11.7%	14.5%	15.6%	7.8%	17.5%	19.4%
1995	122	29.5%	2.4%	17.2%	11.5%	6.5%	27.1%			
1996	120	27.5%	3.3%	22.5%						

Source: MHEC Enrollment and Degree Information Systems

88

89

Trends in Retention, Graduation and Transfer Rates for Maryland Community Colleges

African American Students

Wor-Wic Community College

1987 - 1994

		Two Year			Three Year			Four Year		
Cohort	N	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year	Still Enrolled	Graduated/ Did Not Trans.	Transferred to 4 Year
1987	14	*	*	*	*	*	*	*	*	*
1988	15	33.3%	13.3%	20.0%	13.3%	20.0%	20.0%	0.0%	20.0%	26.6%
1989	10	*	*	*	*	*	*	*	*	*
1990	8	*	*	*	*	*	*	*	*	*
1991	10	*	*	*	*	*	*	*	*	*
1992	12	*	*	*	*	*	*	*	*	*
1993	9	*	*	*	*	*	*	*	*	*
1994	12	*	*	*	*	*	*	*	*	*
1995	11	*	*	*	*	*	*			
1996	9	*	*	*						

* N less than 15

Source: MHEC Enrollment and Degree Information Systems